Peak District National Park

Forecast valid from 00:00 on Monday 02 May 2022 until 23:59 on Tuesday 03 May 2022

Forecast Issued on Sunday 01 May 2022 at 14:54

Confidence: High confidence for the general weather situation over the coming days, with the chance of some brighter spells, but also some scattered showers, possibly heavy. Moderate confidence in regards to cloud amounts and exact location and distribution of showers.

Headline for Monday 02 May 2022: Rather cloudy, with occasional brighter spells, but also some showers.

Mountain weather hazards on Monday 02 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Light rain	Light rain
Precipitation probability							
10%	10%	10%	10%	10%	10%	50%	50%

Forecast for Monday 02 May 2022

Weather: Rather cloudy overnight, with light rain and drizzle on the summits, otherwise, largely dry for most. Staying rather cloudy on Monday, although there will be some scattered showers, these mainly confined to higher ground. Most other areas staying largely dry. Rather cloudy into the evening with further light rain or showers. Light winds throughout.

Chance of cloud-free hill tops above 600m: 10% chance during the morning, increasing to 90% by the afternoon.

Low cloud and visibility: Extensive cloud at 400-500m during the morning. Cloud gradually lifting above the summits in the afternoon, although cloud bases may temporarily lower onto the summits in any heavier showers. Visibility will be good or very good, away from the cloud, but falling to moderate or poor in rain and showers.

Forecast for Monday 02 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/4 S	3/5 SE	4/5 NE	5/7 N	4/7 N	5/8 NW	9/13 NE	10/15 NE	10/15 NE
300	2/3 S	1/3 SW	2/3 W	5/8 NW	5/8 NW	5/8 W	5/9 N	9/16 NE	8/15 NE
Valley	1/3 SW	1/3 NE	1/4 NE	3/6 NW	5/10 W	4/8 NW	6/12 N	9/19 NE	9/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/6	7/6	7/6	8/7	10/9	10/9	9/6	7/4	5/2
300	9/8	8/8	9/8	11/10	12/12	13/12	12/11	9/7	8/6
Valley	9/9	9/8	9/9	12/12	13/12	14/13	13/12	10/8	8/6
Freezing Level*	1700m	1700m	1600m	1600m	1700m	1900m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions on Monday, with extensive hill fog at height, especially first thing, before improving later. Surfaces may be slippery underfoot following any showers. Despite cloudier skies, sun screen is advised when spending any length of time on the peaks at this time of year. UV levels will be moderate.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 30 Apr 2022	0mm	0mm	0mm

Forecast for Tuesday 03 May 2022

Weather: Rather cloudy, with patchy light rain and drizzle at times, overnight. Similar conditions into Tuesday morning, although the cloud will gradually lift and break to give occasional brighter spells, but also some scattered showers. Cloud and outbreaks of rain, perhaps heavy, will arrive from the west overnight.

Maximum wind: East to northeasterly 10-15mph at first, becoming south to southeasterly at 5-10mph during the day.

Chance of cloud-free hill tops above 600m: 10% chance at first, increasing to 80% during the day, possibly lowering again later in the day, with the arrival of the rain from the west.

Low cloud and visibility: Extensive cloud at 400-500m during the morning, gradually lifting above the summits during the afternoon, but temporarily lowering onto the summits in any showers. Extensive cloud at 400-500m likely during the evening and overnight.

Temperature: **Valleys:** Plus 8 Celsius, becoming Plus 14 Celsius.
At 600m: Plus 4 Celsius, becoming Plus 8 Celsius.
Freezing level: Above the summits.